840 Request for Quotation

Functional Group ID=**RQ**

Introduction:

This standard provides the format and establishes the data contents of a request for quotation transaction set. The request for quotation transaction set provides potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

1. Use this transaction set to solicit, amend, or cancel requests for quotations using federal government small purchase procedures.

2. For the purpose of Y2K compliance, all dates provided in SAACONS generated transactions will employ a bridging (windowing or 49/50 rule) application. Bridging is a technique in which a year of 00 - 49 is considered to be prefaced by the century 2000, and a year of 50 - 99 is considered to prefaced by the century 1900.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BQT	Beginning Segment for Request for Quotation	M	1		
8	030	NTE	Note/Special Instruction	F	100		
9	040	CUR	Currency	O	1		
12	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
13	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	1		
Not Used	100	SSS	Special Services	O	25		
15	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
17	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
19	150	DTM	Date/Time/Period	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
20	220	PKG	Marking, Packaging, Loading	O	200		

Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
21	270	MAN	Marks and Numbers	O	10		
Not Used	280	RRA	Required Response	O	25		
			LOOP ID - N9			1000	
22	290	N9	Reference Number	O	1		
24	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
25	310	N1	Name	O	1		
27	320	N2	Additional Name Information	O	2		
28	330	N3	Address Information	O	2		
29	340	N4	Geographic Location	O	1		
Not Used	350	REF	Reference Numbers	O	12		
30	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	200		
Not Used	430	RRA	Required Response	O	25		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
31	010	PO1	Purchase Order Baseline Item Data	M	1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	1		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
36	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	080	PKG	Marking, Packaging, Loading	O	200		
Not Used	090	PO4	Item Physical Details	O	1		
Not Used	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
Not Used	130	ITA	Allowance, Charge or Service	O	10		

Not Used	140	IT8	Conditions of Sale	O	1	
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	
37	180	FOB	F.O.B. Related Instructions	O	1	
Not Used	190	SDQ	Destination Quantity	O	50	
39	200	DTM	Date/Time/Period	O	10	
Not Used	210	LDT	Lead Time	O	12	
40	220	SCH	Line Item Schedule	O	104	n2
Not Used	230	FST	Forecast Schedule	O	>1	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
Not Used	290	RRA	Required Response	O	25	
			LOOP ID - SLN		1000	
Not Used	300	SLN	Subline Item Detail	O	1	
Not Used	310	PID	Product/Item Description	O	1000	
			LOOP ID - N9		1000	
Not Used	320	N9	Reference Number	O	1	
Not Used	330	MSG	Message Text	O	1000	
			LOOP ID - N1		200	
42	340	N1	Name	O	1	
43	350	N2	Additional Name Information	O	2	
44	360	N3	Address Information	O	2	
45	370	N4	Geographic Location	O	1	
Not Used	380	REF	Reference Numbers	O	12	
Not Used	390	PER	Administrative Communications Contact	O	3	
Not Used	400	FOB	F.O.B. Related Instructions	O	1	
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	430	TD3	Carrier Details (Equipment)	O	12	
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	450	PKG	Marking, Packaging, Loading	O	200	
Not Used	460	RRA	Required Response	O	25	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
46	010	CTT	Transaction Totals	M	1		n3
47	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:			
Comments:	**1**	The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			840 X12.7 Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			This unique control number is assigned by the originator of the transaction set. This number may be system generated. This same number is carried in SE02.	

Segment:		**BQT** Beginning Segment for Request for Quotation		
Position:		020		
Loop:				
Level:		Heading		
Usage:		Mandatory		
Max Use:		1		
Purpose:		To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates		
Syntax Notes:		**1** If BQT05 is present, then BQT04 is required.		
Semantic Notes:				
Comments:				
Notes:		*BQT05 is required.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BQT01**	**353**	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00   Original

Use to indicate an original solicitation or a re-transmission of a previously transmitted solicitation.

01   Cancellation

Use to indicate a cancellation of a previously transmitted solicitation. When used, the entire solicitation is canceled.

05   Replace

Use to indicate an amended solicitation that contains a combination of additions and deletions to a previously transmitted solicitation. This code is also used to indicate data in a previously transmitted solicitation has changed, e.g., the closing date for receipt of quotes has changed. In effect, the old date is deleted and the new date is added. The complete transaction with all incorporated additions, deletions, and/or changes will be resent. Under no circumstances should a partial transaction be sent.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BQT02**	**586**	**Request for Quote Reference Number**	**M AN 1/45**

Number assigned by the purchaser to identify his request for quote

Use to identify the unique number assigned to the solicitation. If

amendments to a solicitation (i.e., BQT01 is code 05), the solicitation number and amendment number will be concatenated.

Must Use	**BQT03**	**652**	**Request Quotation Control Date**	**M**	**DT 6/6**

Date to be used for reference purposes in an RFQ and a response to RFQ.

1. Use to identify the date of the solicitation. If amendments to solicitation have been issued, cite the date of the amendment.

2. All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.

Must Use	**BQT04**	**374**	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

   106   Required By

Must Use	**BQT05**	**373**	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

1. The date the quote is required to be received.

2. All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.

Not Used	**BQT06**	**92**	**Purchase Order Type Code**	**O**	**ID 2/2**

Code specifying the type of Purchase Order

Not Used	**BQT07**	**960**	**Request for Quote Type Code**	**O**	**ID 2/2**

Code specifying the type of request for quote

Segment:	**NTE** Note/Special Instruction
Position:	030
Loop:	
Level:	Heading
Usage:	Floating
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	*Use of free form text is discouraged if the information can be provided by some other means in the transaction set.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	NTE01	363	**Note Reference Code**	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			GEN Entire Transaction Set	
Must Use	NTE02	3	**Free Form Message**	M AN 1/60
			Free-form text	

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR11 is present, then CUR10 is required.
	4 If CUR12 is present, then CUR10 is required.
	5 If CUR14 is present, then CUR13 is required.
	6 If CUR15 is present, then CUR13 is required.
	7 If CUR17 is present, then CUR16 is required.
	8 If CUR18 is present, then CUR16 is required.
	9 If CUR20 is present, then CUR19 is required.
	10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.
Notes:	*If the CUR segment is not used the currency is assumed to be US dollars.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	Entity Identifier Code	M	ID 2/2

Code identifying an organizational entity or a physical location.

    SE   Selling Party

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR02	100	Currency Code	M	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Not Used	CUR03	280	Exchange Rate	O	R 4/6

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Not Used	CUR04	98	Entity Identifier Code	O	ID 2/2

Code identifying an organizational entity or a physical location.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR05	100	Currency Code	O	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Not Used	CUR06	669	Currency Market/Exchange Code	O	ID 3/3

Code identifying the market upon which the currency exchange rate is based

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR07	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR08	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	CUR09	337	Time	O	TM 4/4

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Not Used	CUR10	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR11	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	CUR12	337	Time	O	TM 4/4

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Not Used	CUR13	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR14	373	Date	O	DT 6/6

			Date (YYMMDD)		
Not Used	**CUR15**	**337**	**Time**	**O**	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).		
Not Used	**CUR16**	**374**	**Date/Time Qualifier**	**C**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**CUR17**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**CUR18**	**337**	**Time**	**O**	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).		
Not Used	**CUR19**	**374**	**Date/Time Qualifier**	**C**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**CUR20**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**CUR21**	**337**	**Time**	**O**	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).		

Segment:	**REF** Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items in the solicitation. When the reference numbers vary by line item, use the 2/REF/100 segment.*
	2. At least one iteration, with code 65 in REF01 is required to carry the Universal Tracking Number (UTN).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

	65		Total Order Cycle Number

UTN - Universal Tracking Number is a unique identifier used to establish a linkage within a cycle of transaction sets for a single acquisition. Should be a unique identifier within federal agencies. A cycle is defined to included all related transaction sets (840, 843, 850, 855, 860, 865, 836, 864, 810, and 820 if possible).

	DS		Defense Priorities Allocation System (DPAS) Priority Rating

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	**Reference Number**	**C AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF03	352	**Description**	**C AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**FOB** F.O.B. Related Instructions	
Position:	080	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify transportation instructions relating to shipment	
Syntax Notes:	**1**	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
Semantic Notes:		
Comments:	**1**	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Notes:	*Use the 1/FOB/080 segment if the FOB point and the inspection acceptance location apply to all of the line items. When the FOB point or acceptance locations vary by line item, use the 2/FOB/180 segment.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**FOB01**	**146**	**Shipment Method of Payment**	**M ID 2/2**
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	
	FOB02	**309**	**Location Qualifier**	**C ID 1/2**
			Code identifying type of location	
			DE Destination (Shipping)	
			OR Origin (Shipping Point)	
			ZZ Mutually Defined	
			Use to identify the FOB point as described in FOB03.	
	FOB03	**352**	**Description**	**O AN 1/80**
			A free-form description to clarify the related data elements and their content	
			1. FOB03 is only used when FOB02 is code ZZ.	
			2. Contains descriptions such as: Origin, Destination, FAS Vessel, Inside Delivery, or Tailgate Delivery.	
Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code**	**O ID 2/2**

Code identifying the source of the transportation terms

Not Used   **FOB05**   **335**   **Transportation Terms Code**   **C** **ID 3/3**

Code identifying the trade terms which apply to the shipment transportation responsibility

Not Used   **FOB06**   **309**   **Location Qualifier**   **C** **ID 1/2**

Code identifying type of location

Not Used   **FOB07**   **352**   **Description**   **O** **AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used   **FOB08**   **54**   **Risk of Loss Qualifier**   **O** **ID 2/2**

Code specifying where responsibility for risk of loss passes

Not Used   **FOB09**   **352**   **Description**   **C** **AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**CSH** Header Sale Condition	
Position:	110	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify general conditions or requirements of the sale	
Syntax Notes:	**1**	If CSH02 is present, then CSH03 is required.
	2	If CSH06 is present, then CSH07 is required.
Semantic Notes:		
Comments:	**1**	CSH04 is the account number to which the purchase amount is to be charged.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CSH01	563	**Sales Requirement Code**	O ID 1/2

Code to identify a specific requirement or agreement of sale

B   Back Order Only If New Item

Use to indicate a preference for a historically black college, universities, or minority institute.

P2   Ship As Soon As Possible

Use to indicate a preference for an American Indian Business.

P3   May Preship

Use to indicate a preference for a firm located in a Labor Surplus area.

P4   Do Not Preship

Use to indicate a preference for an 8A Firm.

Z   Mutually Defined

Use code Z to indicate a small business set aside.

Not Used	CSH02	564	**Do-Not-Exceed Action Code**	O ID 1/1

Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)

Not Used	CSH03	565	**Do-Not-Exceed Amount**	C N2 2/9

Maximum monetary amount value which the order must not exceed.

Not Used	CSH04	508	**Account Number**	O AN 1/35

Account number assigned

Not Used	CSH05	596	**Required Invoice Date**	O DT 6/6

Date specified by the sender to be shown on the invoice.

Not Used	CSH06	559	**Agency Qualifier Code**	O ID 2/2

Code identifying the agency assigning the code values

Not Used	CSH07	560	**Special Services Code**	C ID 2/10

Code identifying the special service

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale	
Syntax Notes:	**1**	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:		
Comments:	**1**	If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
ITD01	**336**	**Terms Type Code**	**O**	**ID 2/2**
		Code identifying type of payment terms		
		09	Proximo	
		Use only when specified in the 840 and requesting "Fast Pay".		
Not Used	**ITD02**	**333**	**Terms Basis Date Code**	**O** **ID 1/2**
		Code identifying the beginning of the terms period		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**ITD03**	**338**	**Terms Discount Percent**	**O** **R 1/6**
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
Not Used	**ITD04**	**370**	**Terms Discount Due Date**	**C** **DT 6/6**
		Date payment is due if discount is to be earned		
Not Used	**ITD05**	**351**	**Terms Discount Days Due**	**C** **N0 1/3**
		Number of days in the terms discount period by which payment is due if terms discount is earned		
Not Used	**ITD06**	**446**	**Terms Net Due Date**	**O** **DT 6/6**
		Date when total invoice amount becomes due		
Not Used	**ITD07**	**386**	**Terms Net Days**	**O** **N0 1/3**
		Number of days until total invoice amount is due (discount not applicable)		
Not Used	**ITD08**	**362**	**Terms Discount Amount**	**O** **N2 1/10**
		Total amount of terms discount		
Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O** **DT 6/6**
		Date deferred payment or percent of invoice payable is due		
Not Used	**ITD10**	**389**	**Deferred Amount Due**	**C** **N2 1/10**

			Deferred amount due for payment		
Not Used	**ITD11**	**342**	**Percent of Invoice Payable**	**C**	**R 1/5**
			Amount of invoice payable expressed in percent		
Not Used	**ITD12**	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**ITD13**	**765**	**Day of Month**	**C**	**N0 1/2**
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
Not Used	**ITD14**	**107**	**Payment Method Code**	**O**	**ID 1/1**
			Code identifying type of payment procedures		
			Refer to 003010 Data Element Dictionary for acceptable code values.		

Segment:	**DTM** Date/Time/Period	
Position:	150	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	**1** At least one of DTM02 or DTM03 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use this 1/DTM/150 segment to identify dates that apply to all line items, When date varies by line item, provide the required delivery date at the line item level.*	
	2. In this segment, required delivery date will be provided as an actual date.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			002 Delivery Requested	
			Use to indicate required delivery date.	
	DTM02	373	**Date**	**C DT 6/6**
			Date (YYMMDD)	
			All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.	
Not Used	DTM03	337	**Time**	**C TM 4/4**
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	
Not Used	DTM04	623	**Time Code**	**O ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

Segment:	**PKG** Marking, Packaging, Loading	
Position:	220	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	200	
Purpose:	To describe marking, packaging, loading, and unloading requirements	
Syntax Notes:	1	If PKG04 is present, then PKG03 is required.
	2	At least one of PKG04 or PKG05 is required.
Semantic Notes:		
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	PKG01 relates only to PKG04 and PKG05.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	PKG04 should be used for industry-specific packaging description codes.
	5	Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PKG01	349	**Item Description Type**	**M ID 1/1**

Code indicating the format of a description

F	Free-form
X	Semi-structured (Code and Text)

	Ref. Des.	Data Element	Name	Attributes
	PKG02	753	**Packaging Characteristic Code**	**O ID 1/5**

Code specifying the marking, packaging, loading and related characteristics being described

35	Type of Package
36	Package Specifications
37	Package Protection

	Ref. Des.	Data Element	Name	Attributes
	PKG03	559	**Agency Qualifier Code**	**C ID 2/2**

Code identifying the agency assigning the code values

DD	Department of Defense
	Responsible for Military Specification

	Ref. Des.	Data Element	Name	Attributes
Not Used	PKG04	754	**Packaging Description Code**	**C ID 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

	Ref. Des.	Data Element	Name	Attributes
Must Use	PKG05	352	**Description**	**C AN 1/80**

A free-form description to clarify the related data elements and their content

Segment: **MAN** **Marks and Numbers**
Position: 270
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MAN01	88	**Marks and Numbers Qualifier**	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			S Entire Shipment	
Must Use	MAN02	87	**Marks and Numbers**	M AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment:	**N9** Reference Number
Position:	290
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	**1** At least one of N902 or N903 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use the 1/N9/290 segment to identify clauses, special instructions or other references which are applicable to the all of the line items in the solicitation.*
	2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate designation with the clause number in N902.
	3. When citing a clause in N902, the date of the clause MUST be cited in N903 , N904 or MSG01 and the title of the clause may be optionally cited in N903 or the following MSG segment. The preferred location for the date is the N904.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N901**	**128**	**Reference Number Qualifier**	**M**	**ID 2/2**

Code qualifying the Reference Number.

CJ	Clause Number
ZZ	Mutually Defined

Use to indicate the Statement of Work.

	Ref. Des.	Data Element	Name	Attributes	
	N902	**127**	**Reference Number**	**C**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes	
	N903	**369**	**Free-form Description**	**C**	**AN 1/45**

Free-form descriptive text

1. May be used to cite the clause title and effective date.

2. Cite "Statement of Work" when N901 is code ZZ.

	Ref. Des.	Data Element	Name	Attributes	
	N904	**373**	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

1. Use to specify the date of a clause other reference. When the date is used it will be in YYMMDD format so a clause date should always end with the numeric 01 indicating the first day of the month. This rule is necessary to comply with ASC X12 syntax.

> *2. All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.*

Not Used   N905   337   Time   O   TM 4/4

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Segment:	**MSG** Message Text	
Position:	300	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1000	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.	
Notes:	*1. Use this segment to carry the title or full text of any clause if it is required, a special instruction, or other information associated with the number cited in N902.* *2. Clause title and date may be carried in N903.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	**MSG02**	**934**	**Printer Carriage Control Code**	**O**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		

Segment: **N1** Name

Position:	310
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
Notes:	*1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address.*
	2. Use this 1/N1/310 loop to identify organizations, places or people that apply to all of the line items in the solicitation, or are not applicable at the line item level (e.g., soliciting party, etc.). When the addresses vary by line item, use the 2/N1/340 loop.
	3. There must be at least one iteration of the N1 segment code BY.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity or a physical location.

BY	Buying Party (Purchaser)	
	Use to indicate the soliciting office or activity.	
FW	Forwarder	
	Use to indicate port of embarkation.	
ST	Ship To	
	Use to indicate Ship To or location where services are to be performed.	

	Ref. Des.	Data Element	Name	Attributes
	N102	93	**Name**	C AN 1/35

Free-form name

	Ref. Des.	Data Element	Name	Attributes
	N103	66	**Identification Code Qualifier**	C ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

	10	Department of Defense Activity Address Code (DODAAC)
	16	ZIP Code

Must be used when N101 is code ST.

	19	FIPS-55 (Named Populated Places)
	93	Code assigned by the organization originating the transaction set

N104   **67**   **Identification Code**   **C   ID 2/17**

Code identifying a party.

Cite the contracting activity code when other than DODAAC or FIPS - 55. May equal GS02 value.

Segment:	**N2** Additional Name Information	
Position:	320	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N201**	**93**	**Name**	**M AN 1/35**
			Free-form name	
Not Used	**N202**	**93**	**Name**	**O AN 1/35**
			Free-form name	

Segment: **N3** **Address Information**
Position: 330
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/35**
			Address information	
	N302	166	**Address Information**	**O AN 1/35**
			Address information	

Segment:	**N4** Geographic Location
Position:	340
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 At least one of N401 or N405 is required.
	2 If N401 is present, then N402 is required.
	3 If either N405 or N406 is present, then the other is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N401	19	**City Name**	C	AN 2/19
			Free-form text for city name		
	N402	156	**State or Province Code**	C	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
			Use codes from the latest release of FIPS PUB 5-2, States and Outlying Areas of the United States.		
	N403	116	**Postal Code**	O	ID 4/9
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
	N404	26	**Country Code**	O	ID 2/2
			Code identifying the country		
			Use codes from the latest release of ISO 3166, Codes for Representing Names of Countries.		
	N405	309	**Location Qualifier**	O	ID 1/2
			Code identifying type of location		
			IP Postal		
			Use to indicate an Army Post Office "APO" or Fleet Post Office "FPO".		
	N406	310	**Location Identifier**	C	AN 1/25
			Code which identifies a specific location		
			When N405 is code IP, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco plus the zip code).		

Segment:	**PER** Administrative Communications Contact	
Position:	360	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If PER03 is present, then PER04 is required.	
Semantic Notes:		
Comments:		
Notes:	*At least one iteration of the PER is required with telephone number.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

    IC   Information Contact

	PER02	93	**Name**	**O AN 1/35**

Free-form name

	PER03	365	**Communication Number Qualifier**	**O ID 2/2**

Code identifying the type of communication number

    EM   Electronic Mail

                      Should only be used if the address is less than 22 characters.

    FX   Facsimile

    TE   Telephone

	PER04	364	**Communication Number**	**C AN 7/21**

Complete communications number including country or area code when applicable

Segment:	**PO1** Purchase Order Baseline Item Data	
Position:	010	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic and most frequently used purchase order line item data	
Syntax Notes:	1	If PO105 is present, then PO104 is required.
	2	If PO106 is present, then PO107 is required.
	3	If PO108 is present, then PO109 is required.
	4	If PO110 is present, then PO111 is required.
	5	If PO112 is present, then PO113 is required.
	6	If PO114 is present, then PO115 is required.
	7	If PO116 is present, then PO117 is required.
	8	If PO118 is present, then PO119 is required.
	9	If PO120 is present, then PO121 is required.
	10	If PO122 is present, then PO123 is required.
	11	If PO124 is present, then PO125 is required.
Semantic Notes:		
Comments:	1	See the Data Dictionary for a complete list of ID's.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	*Use the 2/PO1/010 loop to specify all information related to a CLIN or SUBCLIN. Each iteration of the PO1 loop will identify all the information related to the CLIN or SUBCLIN cited in PO101.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO101	350	**Assigned Identification**	**O AN 1/6**
			Alphanumeric characters assigned for differentiation within a transaction set	
			Use to identify the CLIN or SUBCLIN assigned by the buying activity.	
Must Use	PO102	330	**Quantity Ordered**	**M R 1/9**
			Quantity ordered	
			Use to identify the quantity of the item being solicited.	
Must Use	PO103	355	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code identifying the basic unit of measurement.	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO104	212	**Unit Price**	**C R 1/14**
			Price per unit of product, service, commodity, etc.	

| Not Used | **PO105** | **639** | **Basis of Unit Price Code** | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

| | **PO106** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs. For example, PO106 will contain a qualifier code and PO107 will contain the information related to the qualifying code. So, if PO106 is code FT then PO107 would carry the Federal Supply Classification.

2. Code MF and MG must be used as a pair.

	FS	National Stock Number
	FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

	MF	Manufacturer
	MG	Manufacturer's Part Number
	SI	Standard Industrial Classification Code
	SW	Stock Number

| | **PO107** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| | **PO108** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO108 through PO125 will be used as required, to carry additional information regarding the product or service being described in the particular iteration of the PO1 loop.

	FS	National Stock Number
	FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

	MF	Manufacturer
	MG	Manufacturer's Part Number
	SI	Standard Industrial Classification Code
	SW	Stock Number

| | **PO109** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| | **PO110** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO111   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO112   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO113   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO114   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO115   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO116   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO117   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO118   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO119   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO120   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO121   234   Product/Service ID   C   AN 1/30

Identifying number for a product or service

PO122   235   Product/Service ID Qualifier   O   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO123   234   Product/Service ID   C AN 1/30

Identifying number for a product or service

PO124   235   Product/Service ID Qualifier   O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS	National Stock Number
FT	Federal Supply Classification

1. Product Service Code.

2. On Public 840 use is most highly recommended.

MF	Manufacturer
MG	Manufacturer's Part Number
SI	Standard Industrial Classification Code
SW	Stock Number

PO125   234   Product/Service ID   C AN 1/30

Identifying number for a product or service

Segment:	**PID** Product/Item Description
Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
Semantic Notes:	
Comments:	1 When PID01 is "F", PID04 is not used.
	2 Use PID03 to indicate the organization that publishes the code list being referred to.
	3 PID04 should be used for industry-specific product description codes.
	4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
Notes:	*Use this 2/PID/050 segment to further describe an item or service specified in PO101.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Not Used	PID02	750	**Product/Process Characteristic Code**	O ID 2/3
			Code specifying the product or process characteristic being described.	
Not Used	PID03	559	**Agency Qualifier Code**	C ID 2/2
			Code identifying the agency assigning the code values	
Not Used	PID04	751	**Product Description Code**	C ID 1/12
			A code from an industry code list which provides specific data about a product characteristic	
Must Use	PID05	352	**Description**	C AN 1/80
			A free-form description to clarify the related data elements and their content	
			PID05 carries free-form description of the item or contracted services ordered.	
Not Used	PID06	752	**Surface/Layer/Position Code**	O ID 2/2
			Code indicating the product surface, layer or position that is being described	

Segment:	**FOB** F.O.B. Related Instructions	
Position:	180	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify transportation instructions relating to shipment	
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
Semantic Notes:		
Comments:	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Notes: *Use this 2/FOB/180 segment to specify the FOB point and acceptance location when they vary for a specific line item. If the FOB point and acceptance location apply to all the line items, use the 1/FOB/080 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**FOB01**	**146**	**Shipment Method of Payment**		**M ID 2/2**
			Code identifying payment terms for transportation charges		
			DF	Defined by Buyer and Seller	
	FOB02	**309**	**Location Qualifier**		**C ID 1/2**
			Code identifying type of location		
			DE	Destination (Shipping)	
			OR	Origin (Shipping Point)	
			ZZ	Mutually Defined	
			Use to identify the FOB point as described in FOB03.		
	FOB03	**352**	**Description**		**O AN 1/80**
			A free-form description to clarify the related data elements and their content		

1. FOB03 is only used when FOB02 is code ZZ.

2. Contains descriptions such as: Origin, Destination, FAS Vessel, Inside Delivery, or Tailgate Delivery.

Not Used   **FOB04**   **334**   **Transportation Terms Qualifier Code**   **O** **ID 2/2**

Code identifying the source of the transportation terms

Not Used   **FOB05**   **335**   **Transportation Terms Code**   **C** **ID 3/3**

Code identifying the trade terms which apply to the shipment transportation responsibility

Not Used   **FOB06**   **309**   **Location Qualifier**   **C** **ID 1/2**

Code identifying type of location

Not Used   **FOB07**   **352**   **Description**   **O** **AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used   **FOB08**   **54**   **Risk of Loss Qualifier**   **O** **ID 2/2**

Code specifying where responsibility for risk of loss passes

Not Used   **FOB09**   **352**   **Description**   **C** **AN 1/80**

A free-form description to clarify the related data elements and their content

	Segment:	**DTM** Date/Time/Period
	Position:	200
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	1 At least one of DTM02 or DTM03 is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Required delivery date will be provided in this segment as an actual date.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**

Code specifying type of date or time, or both date and time

> 002   Delivery Requested
>
> *Use to indicate delivery date.*

	DTM02	373	**Date**	**C DT 6/6**

Date (YYMMDD)

All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.

Not Used	DTM03	337	**Time**	**C TM 4/4**

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Not Used	DTM04	623	**Time Code**	**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment:	**SCH** Line Item Schedule	
Position:	220	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	104	
Purpose:	To specify the data for scheduling a specific line-item	
Syntax Notes:	**1**	If SCH03 is present, then SCH04 is required.
	2	If SCH09 is present, then SCH08 is required.
Semantic Notes:		
Comments:	**1**	SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	*Use this 2/SCH/220 segment to describe a partial delivery applicable to a line item, when it can be specified as an actual date.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SCH01	380	**Quantity**	M	R 1/10
			Numeric value of quantity		
Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	SCH03	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity or a physical location.		
Not Used	SCH04	93	**Name**	C	AN 1/35
			Free-form name		
Must Use	SCH05	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			Use to indicate delivery date.		
			002　　　　　Delivery Requested		
Must Use	SCH06	373	**Date**	M	DT 6/6
			Date (YYMMDD)		
			All dates specified by SAACONS herein employ the bridging (windowing or 49/50 rule) application.		
Not Used	SCH07	337	**Time**	O	TM 4/4
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).		
Not Used	SCH08	374	**Date/Time Qualifier**	O	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	SCH09	373	**Date**	C	DT 6/6
			Date (YYMMDD)		
Not Used	SCH10	337	**Time**	O	TM 4/4

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Segment:	**N1** Name		
Position:	340		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
Notes:			

1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address.

2. Use this 2/N1/340 loop to identify organizations, places or people that apply to a specific line item. If the organizations, places or people apply to all of the line items, use the 1/N1/310 loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N101**	98	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity or a physical location.

FW	Forwarder

Use to indicate port of embarkation.

ST	Ship To

Use to indicate Ship To or location where services are to be performed.

	N102	93	**Name**	**C**	**AN 1/35**

Free-form name

	N103	66	**Identification Code Qualifier**	**C**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

Use when applicable to identify the named party.

16	ZIP Code

	N104	67	**Identification Code**	**C**	**ID 2/17**

Code identifying a party.

Segment:	**N2** Additional Name Information	
Position:	350	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/35**
			Free-form name	
	N202	93	**Name**	**O AN 1/35**
			Free-form name	

	Segment:	**N3** Address Information
	Position:	360
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N301**	**166**	**Address Information**	**M AN 1/35**
			Address information	
	N302	**166**	**Address Information**	**O AN 1/35**
			Address information	

Segment:	**N4** Geographic Location	
Position:	370	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1 At least one of N401 or N405 is required.	
	2 If N401 is present, then N402 is required.	
	3 If either N405 or N406 is present, then the other is required.	
Semantic Notes:		
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the USA or Canada.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**C AN 2/19**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**C ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
		Use codes from the latest release of FIPS PUB 5-2, States and Outlying Areas of the United States.	
N403	**116**	**Postal Code**	**O ID 4/9**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	**26**	**Country Code**	**O ID 2/2**
		Code identifying the country	
		Use codes from the latest release of ISO 3166, Codes for Representing Names of Countries.	
N405	**309**	**Location Qualifier**	**O ID 1/2**
		Code identifying type of location	
		IP Postal	
		Use to indicate an Army Post Office "APO" or Fleet Post Office "FPO"	
N406	**310**	**Location Identifier**	**C AN 1/25**
		Code which identifies a specific location	
		When N405 is code IP, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco plus the zip code).	

Segment:	**CTT** Transaction Totals	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the transaction set	
Syntax Notes:	1	If CTT03 is present, then CTT04 is required.
	2	If CTT05 is present, then CTT06 is required.
Semantic Notes:		
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**CTT01**	**354**	**Number of Line Items**	**M**	**N0 1/6**

Total number of line items in the transaction set

Cite the total number of PO1 segments contained in this transaction set.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT02**	**347**	**Hash Total**	**O**	**R 1/10**

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT03**	**81**	**Weight**	**O**	**R 1/8**

Numeric value of weight

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT04**	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**

Code identifying the basic unit of measurement.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT05**	**183**	**Volume**	**O**	**R 1/8**

Value of volumetric measure

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT06**	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**

Code identifying the basic unit of measurement.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTT07**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**SE** **Transaction Set Trailer**
Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/6**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number assigned by the originator for a transaction set.	
			Enter the same number cited in ST02.	